

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SG 2004/000148

## A. CLASSIFICATION OF SUBJECT MATTER

A47B 88/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A47B 88/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, PAJ, TXTE, TXTG

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4961614 A (RÖCK), 9 October 1990 (09.10.1990) <i>Figures 3 - 5, 10; column 3, lines 28 - 46</i>	1, 3, 5, 11, 12, 13
A	— US 4810045 A (LAUTENSCHLÄGER), 7 March 1989 (07.03.1989) <i>Figures 1 - 3; column 3, lines 60 - 67; column 5, lines 8 - 41;</i>	1, 12, 13
A	— DE 4114708 A1 (MEPLA-WERKE...), 12 November 1992 (12.11.1992) <i>Figures 1, 3, 4; column 2, lines 11 - 30; column 4, line 52 - column 5, line 22</i>	1, 12, 13

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search  
25 August 2004 (25.08.2004)Date of mailing of the international search report  
10 September 2004 (10.09.2004)Name and mailing address of the ISA/AT  
**Austrian Patent Office**  
Dresdner Straße 87, A-1200 ViennaAuthorized officer  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)		Publication, date
DE A 4114708		1992-11-12	AT	B 401460B	1996-09-25
			AT	A 90192	1996-02-15
US A 4810045		1989-03-07	IT	B 1218684	1990-04-19
			AT	B 398512B	1994-12-27
			DE	A 3632442	1988-03-31
			AT	A 229287	1994-05-15
US A 4961614		1990-10-09	AT	A 297388	1991-11-15
			AT	B 394653B	1992-05-25
			IT	B 1236253	1993-01-27
			DE	A 3939257	1990-06-07